

Title (en)
Extruder barrel construction.

Title (de)
Extrudergehäusekonstruktion.

Title (fr)
Construction d'un cylindre d'extrudeuse.

Publication
EP 0144192 A1 19850612 (EN)

Application
EP 84308024 A 19841120

Priority
GB 8331653 A 19831126

Abstract (en)
An extruder (2) comprising an extruder barrel comprising a plurality of barrel modules (4), each provided with an inner lining material (16), and at least one plate (6) is described and claimed. Such an arrangement facilitates assembly and dismantling of the barrel for replacement of inner parts. In a preferred embodiment, a plate (6) having an opening (26) passing therethrough and comprising projections (30) extending into said opening, is interposed between each two adjacent barrel modules (4), the openings of the plates (6) and internal surfaces of the barrel modules forming a substantially continuous passageway which provides an extrusion chamber (3). The plates (6) are provided with a plurality of bore holes around the circumference thereof arranged to correspond with bore holes located in external flanges (12) extending around end portions of the barrel modules, so that said plates and barrel modules may be sealingly secured together by the insertion of fastening means (28) into aligned bore holes of the plates and barrel modules.

IPC 1-7
B29C 47/66; **B29C 47/38**

IPC 8 full level
B29C 48/395 (2019.01); **B29C 48/03** (2019.01)

CPC (source: EP US)
B29B 7/422 (2013.01 - EP); **B29B 7/428** (2013.01 - EP); **B29B 7/7495** (2013.01 - EP); **B29B 7/823** (2013.01 - EP); **B29B 7/826** (2013.01 - EP); **B29C 48/395** (2019.01 - EP US); **B29C 48/6801** (2019.01 - EP US); **B29C 48/687** (2019.01 - EP US); **B29B 7/426** (2013.01 - EP); **B29C 48/03** (2019.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
AT BE CH DE FR IT LI NL SE

DOCDB simple family (publication)
EP 0144192 A1 19850612; **EP 0144192 B1 19890614**; AT E43993 T1 19890615; BR 8407170 A 19851008; DE 3478673 D1 19890720; GB 2150037 A 19850626; GB 2150037 B 19861112; GB 8331653 D0 19840104; IN 164261 B 19890211; JP S61500780 A 19860424; US 4640672 A 19870203; WO 8502364 A1 19850606

DOCDB simple family (application)
EP 84308024 A 19841120; AT 84308024 T 19841120; BR 8407170 A 19841120; DE 3478673 T 19841120; GB 8331653 A 19831126; GB 8400396 W 19841120; IN 849DE1984 A 19841105; JP 50416884 A 19841120; US 75651485 A 19850703